

NC Voice Help Document

Basemaps	Tools	Map Layers
--------------------------	-----------------------	----------------------------

Map

- [Basemaps](#)
- [Navigation](#)
- [Tools](#)
- [Map Layers](#)

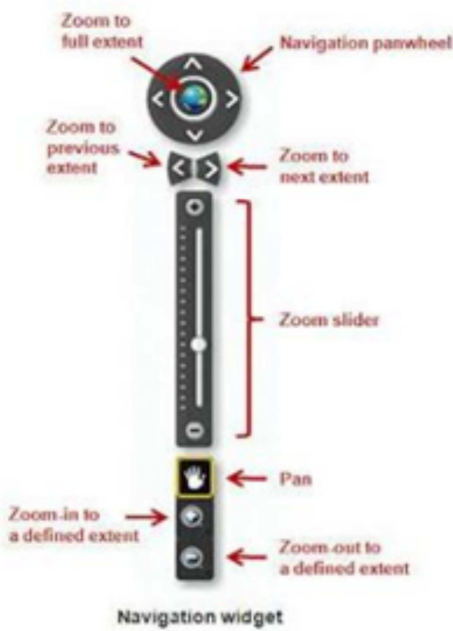
Map

Basemaps

- Streets: Microsoft BING street basemap
- 2012 NC Ortho: Orthophoto imagery of 2012

Navigation

- Zoom in
- Zoom out
- Pan
- Full Extent
- Previous Extent
- Next Extent
- Scale Bar



Tools



- [Review](#)
- [Search](#)
- [Identify](#)
- [Query Builder](#)
- [Dynamic Legend](#)
- [Bookmarks](#)
- [Draw and Measure](#)
- [Download Data](#)
- [Print](#)
- [Locate](#)
- [Help](#)

Map Layers

1. Calls
2. CGIA Data
 - i. Seamlines
3. Vector Data
 - i. Bridge Locations (1:500K)
 - ii. Dams

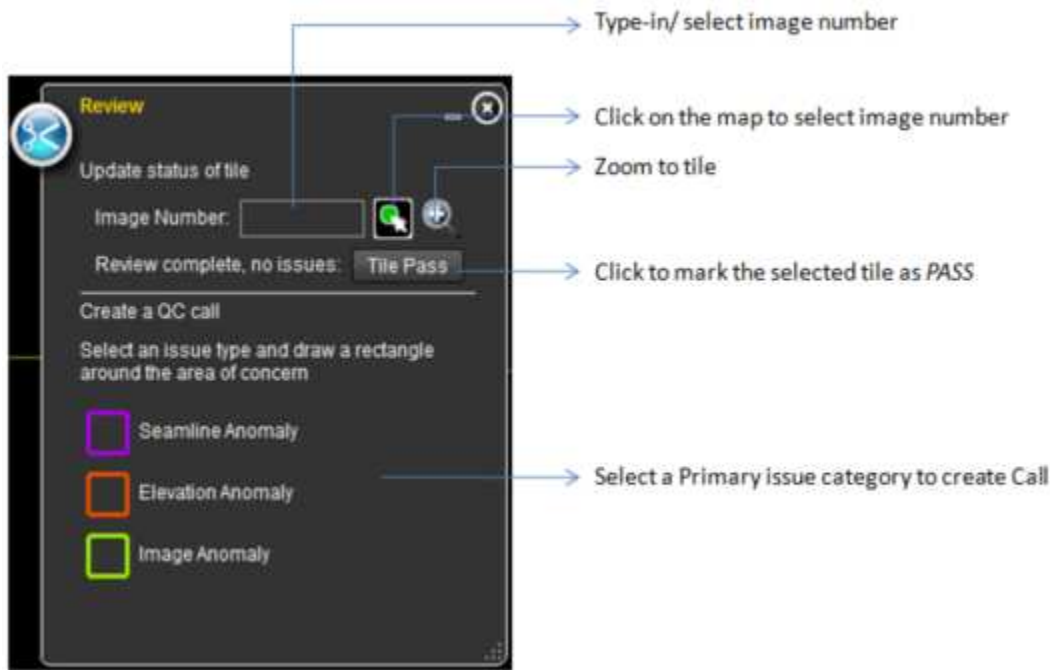
- iii. NC DOT Construction History (1:500K)
- iv. Railroads
- v. Coastal County Boundaries
- vi. Review Tiles CGIA
- vii. Review Tiles County
- viii. Review Tiles NC DOT
- ix. Vendor Tiles (1:600K)
- x. NADIR
- xi. Municipal Boundaries (1:500K)
- xii. Military Installations (1:500K)
- xiii. Stereo Overlap
- xiv. Vendor Study Areas

4. Transportation

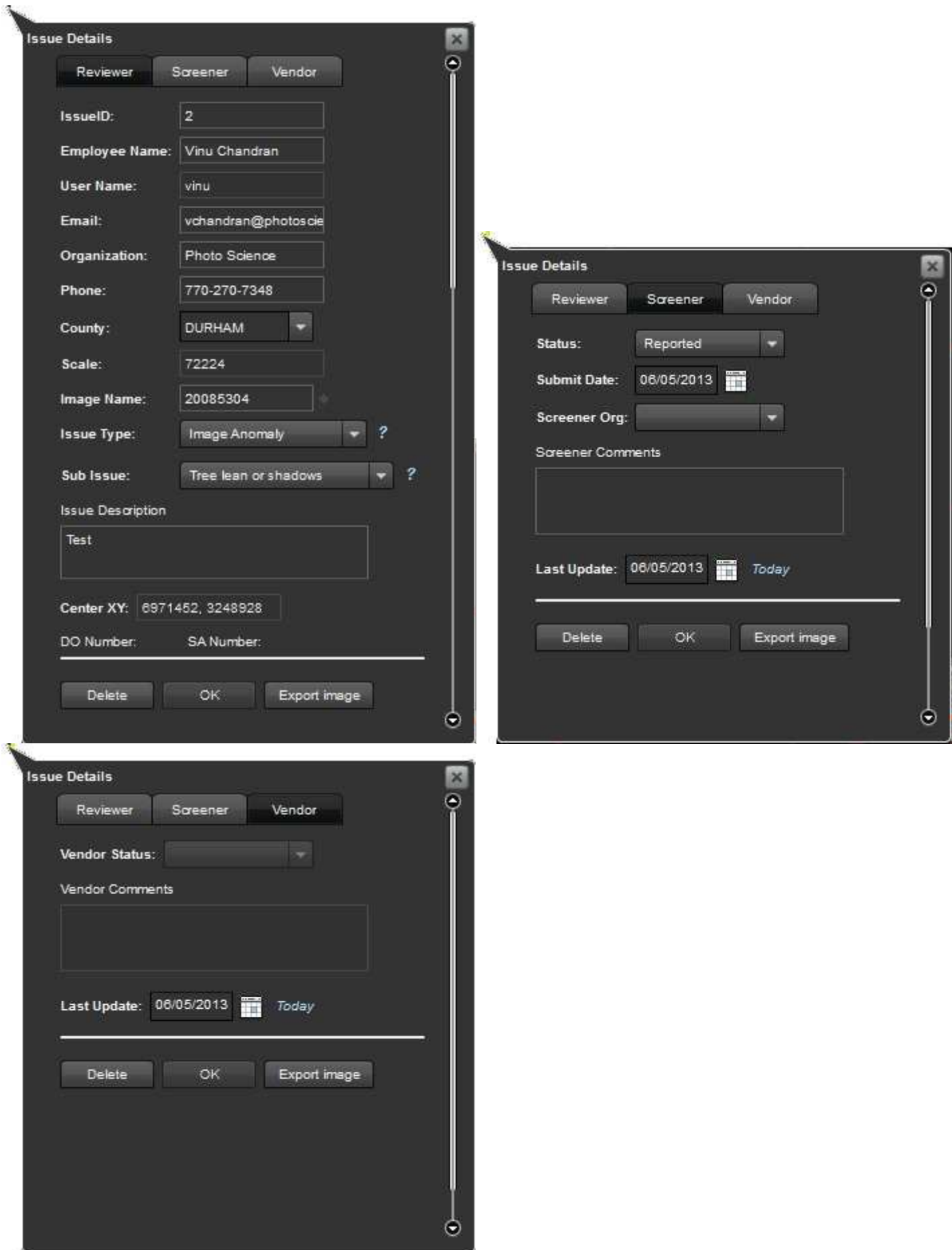


Review

Click *Review* menu item in the tool bar to open the Review widget






The review widget can be used to make an issue call, find a tile by image number and zoom to the tile and mark a tile as "PASS" if there are no issues identified.



Issue details popup window - Reviewer, Screener and Vendor tabs

Create Calls:

- To make an issue call, select appropriate Primary issue category (Seamline, Elevation or Image anomaly) from the issues picker*. Create a rectangle on the area identified as error. To draw rectangle, keep the mouse cursor over a point to start, hold down the left mouse button and drag to the point to end.
- To edit the issue attributes later, click on the issue polygon. If the polygon is already selected (highlighted by a shade of yellow) click anywhere outside, viz. the map to deselect it and click again to select. Review widget should be open to select/edit an issue call.
- Once the Issue polygon is created, a popup window to enter the issue details will be displayed**. Many of the fields are auto-populated. Type in/change the values as necessary*** and click Ok to save the changes.
- If part of the popup window is outside the screen, drag the map to make the window visible, or use the mouse scroll button/scroll bar to scroll to the fields.
- All the fields are not editable, and the privileges are user-dependent.
- Click OK to save the attributes. All the attribute edits will be lost if the window is closed without clicking OK.
- A feature cannot be deleted after saving the attributes, but the attributes can be edited any time.
- To zoom to a tile using image name, select  tool and click on the map to auto-populate the image name field from the database.
- Click  to zoom.
- To mark a tile as "PASS", type-in or select tile number using the tile select tool , and click the *Tile Pass* button. Once the database is updated, the fill color of the tile changes to green. A tile with unresolved calls cannot be passed.
- CGIA users have additional option to create Attachment I. To create attachment image, select an issue call and click the "Export Image" button. When processing is complete, click "Save" in the Processing complete dialog to save the JPG file.

Screen Calls:

- With the Review widget open, click the VOICE call to screen.
- When the edit popup shows, navigate to the "Screener tab", and edit required fields.
- Click "OK" when finished to save the call and update tile status.

Vendor review:

- With the Review widget open, click the VOICE call to review.
- When the edit popup shows, navigate to the "Vendor tab", and edit required fields.
- Click "OK" when finished to save the call.

*Make sure the Pan tool is selected in the navigation toolbar before you select a issue category.

**If part of the popup window is hidden from view, pan the map (click and drag) so that it becomes visible.

***If you are a County user, and create an issue call the Credentials fields may be blank or populated with previous session's details. You should provide/change these values when you create the first call in a session.






Search

Click *Search* menu item icon in the tool bar to open the search function



Search widget is used to search for Tiles, County or Issue calls.

- Search Tile
 - Select *2012 Coastal Tiles* in the *Search Layer* Combo box.
 - Select a category to show (All, Reviewed or Not Reviewed)
 - Select a County in the *County* Combo box.
 - The *Imagename* list is updated with the list of tiles falling in the selected County, for the user.
 - Select a Imagename from the list.
 - Click *Search* button, the widget shows the selected feature or list of features.
 - Click the required tile, map zooms to the location. If the review widget is open, the image number field is updated with the selected item. When clicked, map zooms to the location, the clicked item remains highlighted for about 3 seconds, and the selections are cleared.
- Search County
 - Select *Coastal County Boundaries* in the *Search Layer* Combo box.
 - Select a County in the *County* Combo box.
 - Click *Search* button, the widget shows the selected feature.
 - Click the result item. Map zooms to the selection.
- Search a Issue call by ID
 - Click  icon in the title bar.
 - Type the Issue ID into the text box.
 - Press *Enter* or Click *Zoom to* icon. Map zooms to the selection.
 - To clear the text box, press the *Esc* key.
- To return to search pane any time, click  icon.
- To clear selected items before clicking an item in the results pane, click . Note that selection is automatically cleared after 3 seconds when an item is clicked.





Identify Features on the map

Click *Identify* menu item to open the identify widget.



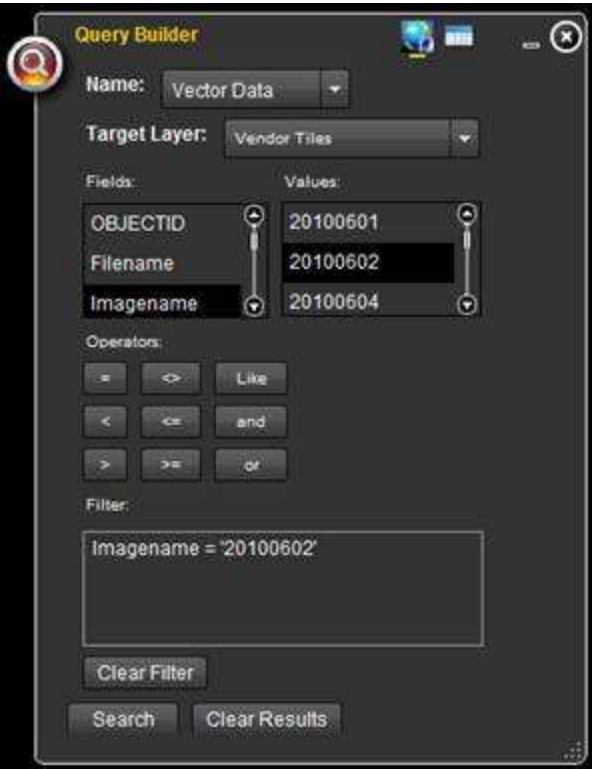
- Click a draw tool to identify features on the map.
- Click or draw over the features to be identified on the map.
- Attributes for all the features identified are displayed on the result pane of the *Identify* widget. The list can be scrolled. Click an item to zoom to feature and display the attributes on a popup window.
- Click X on the top right corner to close the popup result.

- Click  to go back to the identify pane from the result pane.
- Click  to clear the identified results



Query Builder

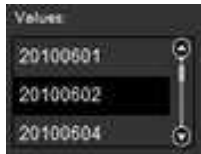
Click “Query Builder” icon to open the query builder function



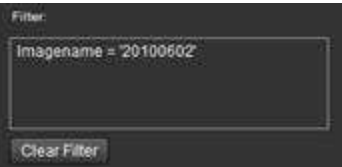
- Select the map group you want to search in the *Name* drop down
- Select the target layer (Available layers are shown in the dropdown)
- *Fields* list is populated with available fields*.
- Click a desired field to select it



- *Values* list is populated with a representative list of values.



- Click to select the desired value. If a value is not present in the list, you can type it in the Filter area.
- Select the operator, a query string is created and added to the *Filter* area, as shown below. If required, this can be manually edited before performing the search. Make sure the statement follows the SQL syntax.



- Click Search. A list or results is shown on the results pane.
- Click on a result item. The select feature will be highlighted on the map.

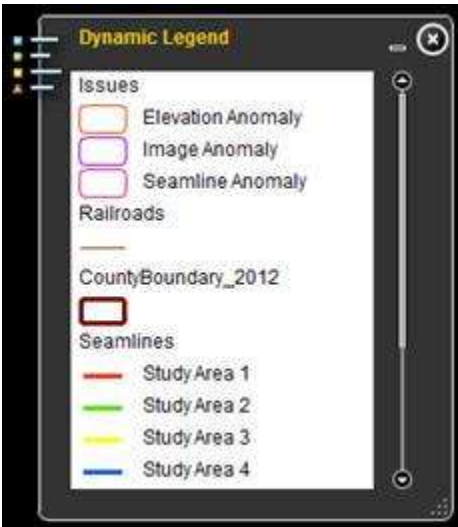
*If there are null values in the field, 'Values' list may not be populated. In this case, click an operator and type-in the value to the 'Filter' text box to search.



Dynamic Legend

Click layer manager icon to open the layer manager function







Dynamic Legend widget is open by default when the application starts. If the widget is closed, click the *Dynamic Legend* menu item to open it. This widget shows the layer symbology for the layers present in the map. Items are added or removed as the user changes the visibility of layers.



Bookmarks

Click “bookmarks” in the tool bar to open the bookmarks widget



- All the Vendor study areas are available as bookmarks
- Click on an item to zoom to the bookmarked area.
- Click  to add your own bookmark
 - Select the group from the drop down or type a new group name
 - Type the bookmark name
 - Click Add Bookmark
- Click  to delete the bookmark





Draw and Measure

Click “Draw and Measure” in the tool bar to open the draw widget





User can use point, line, free hand, polygon, freehand polygon, circle, oval or label draw functions to draw graphics on the map

Placing a point on the map:

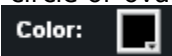

- Select point draw tool
- Change color by clicking on 
- Increase or decrease the size using: 
- Click on the map
- Black point of size 2 is placed on the map*.
- Measurement is ON by default, if you do not want measurement, uncheck "show measurement".
- Users have options to select point style, width, coordinate system and font formats. All the options should be set before clicking the map.

*If a HTTP message pops up, the application is not able to contact the ArcGIS Geometry server. Please restart the application by refreshing the webpage. If this does not solve the problem, contact your network administrator to see if you have a firewall setup.

Drawing a line on the map:

- Select line draw function
- Change color by clicking on 
- Increase or decrease the size using: 
- Measurement is on by default, if you do not want measurement: uncheck "show measurements".
- If you want to measure in different units: select the units in the drop down
- Click on the map (starting point) and click on the map again at the different location (ending point)
- A black line is drawn on the map.


Drawing a polygon on the map:

- Select a polygon (rectangle, circle or oval) draw function
- Change color by clicking on 
- Increase or decrease the size using: 
- Measurement is on by default, if you do not want measurement: uncheck "show measurements".
- If you want to measure in different units: select the units in the drop down
- Click on the map (starting point), press down to start and move the mouse to a desired size and let go to complete the polygon (ending point)
- A polygon is drawn on the map.

Placing a label:

- Select text draw function by clicking on the letter "A"
- Enter the label you want to place in the text box
- Change color by clicking on 
- Select desired font size  and font style
- Click on the map

Clearing the map

- Click  to clear all the graphics drawn on the map (or leave the graphics to next function PRINT)

*Please note that all the graphics and text properties are to be set before drawing. Color and size cannot be changed after drawing the graphics.



Download Data

Click "Download Data" menu item to open the download data widget:



The download data widget can be used to download a zipped file with all the Issue Call features in a format of user's choice (Personal GDB, File GDB or Shape file).



- Select desired file format from the drop down (available options are File Geodatabase (.gdb) and Shapefile (.shp)) and click *Download*
- Click 'Yes' on *Download Data* dialog to download the zip file
- Select a location and click *Save* to save the file.

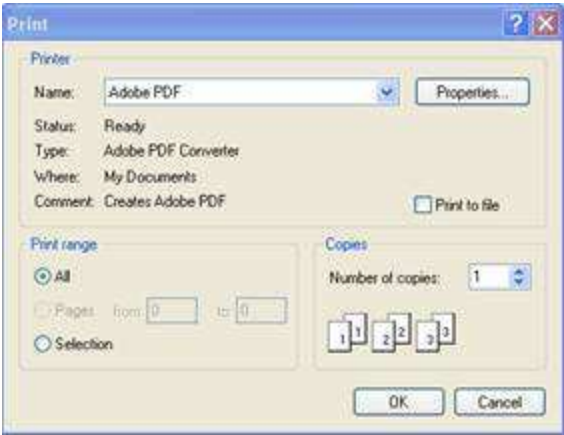


Print

Click print icon to open the print function



Type in a title and subtitle and click *Print*. If you have pdf printer the map can be printed to a pdf. Otherwise select the printer you want to print. Any graphics drawn on the map using draw tool will be also printed.



- Preferred option:**
Page size: 8.5 x 11
Orientation: Landscape
Quality: Color



Locate an address

Click “Locate” icon to open the locate function



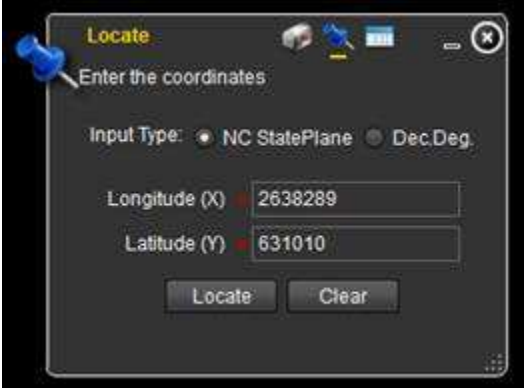
- To search for an address:

Enter valid US address, as shown in the image above, and click *Locate*.



Locate a coordinate

Click blue pushpin in the locate tool to open locate by coordinate function



- Select appropriate coordinate system for the input X and Y values
- Enter valid values for Longitude (X) and Latitude (Y).



Overview Map

Click the arrow icon in the bottom right corner of the map to open the overview map. If browser scroll bars appear, you might want to scroll down and right to see the icon.



User can also navigate the map by moving the red box in the overview map.



Click the arrow again to close the overview map.



Help

The *Help* menu item gives access to this document and the Contact information for the software.

